OMB No

DUE DATE:
REPORT FOR4TH QUARTER 2003

U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

FORM MQ335C CURRENT INDUSTRIAL REPORTS

FLUORESCENT LAMP BALLASTS

Manufacturer's Quarterly Report

If you have questions regarding this report form please contact: CHRIS BLACKBURN EXT5 1{800}201-4647

EMPLOYER IDENTIFICATION (EI) NUMBER. Identification number used on Employer's Quarterly Federal Tax Return (U.S. Treasury Department Form 941) (Enter if not shown, correct if wrong.)

123465789

CONTACT PERSON (Enter information if not shown, correct if wrong.)
Name ATTN: CONTROLLER

Area code

Number

Fax number

The 8-digit number that appears above indicates that the Office of Management and Budget has approved this survey. If that number is not displayed, do not complete this form. YOUR REPORT IS CONFIDENTIAL BY LAW {Title 13, U. S. Code}. It may be seen only by persons sworn to uphold the confidentiality of Census Bureau information and used only for statistical purposes. Copies retained in your files are immune from legal process. Although you are not required to report, your cooperation is needed to make the results of this survey comprehensive, accurate and timely.

In correspondence pertaining to this establishment's report, please refer to the 11 digit identification Number (ID)

(Please correct any error in name and address including ZIP Code)

PART I FOR EACH ITEM LISTED BELOW, ENTER FIGURES OR "0" for current period. (The figures shown in the shaded areas were reported for the previous two periods.) PLEASE REFER TO THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT FORM.

Item (Product code – Description)	Item code	Report period	Quantity of Ship- ments {units}	Value of Ship- ments F.O.B. Plant {\$1000}	Qty of Ship- ments to OEM {units}	Value of Ship- ments to OEM {\$1000}	Ship- ments for Distri- bution	Value of Ship- ments for Distri- bution {\$1000}
MAGNETIC UNCORRECTED POWER FACTOR TYPE {less than 85% power factor}			1	2	3	4	5	6
3353115103-Preheat start, single ended compact lamps	1015	4 QTR			XXXXX	XXXXX	xxxxx	xxxxx
		3 QTR 2 Q⊤R			XXXXX	XXXXX	XXXXX	XXXXX
3353115105-Preheat start, linear & circline lamps up to 20 watt	1020	4 QTR		· · ·	xxxxx	xxxxx	XXXXX	XXXXX
		3 QTR 2 OTR		and the control of th	XXXXX	XXXXX	XXXXX	XXXXX
3353115107-Preheat start, linear & circline lamps 21 watts & over		4 QTR		1	XXXXX	XXXXX	XXXXX	XXXXX
notes a over		3 QTR 2 QTR			XXXXX	XXXXX	XXXXX	XXXXX

* Figures not received when form was prepared. PLEASE ENTER, if not previously submitted.

U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS Identification Number (ID) (Enter if not shown, correct if wrong)

CURRENT INDUSTRIAL REPORTS - Continued

Page

PART I - Continued		,	r			T	<u> </u>	
Item (Product code – Description)	Item code	Report period	Quantity of Ship- ments {units}	Value of Ship- ments F.O.B. Plant {\$1000}	Ship- ments to OEM	Value of Ship- ments to OEM {\$1000}	Ship- ments for Distri- D bution b	alue of Ship- ments for istri- ution \$1000}
3353115109-All other magnetic		4 070	1 1	2	3 00000	4	5 '	6
uncorrected power factor type, including rapid start	1035	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 OTR			XXXXX	XXXXX	XXXXX	XXXXX
X X X -TOTAL MAGNETIC UNCORRECTED power factor	10 9 9	4 QTR				***************************************	outone and the second	
type		3 QTR		eriki oler i kimi se Kilon i kimi kimiki				
								*.
MAGNETIC CORRECTED POWER FACTOR TYPE {85% power factor or more}		2 OTR						
						·		
3353115111-Slimline and instant start: two lamp 75W/96T12/IS & 57W/72T12/IS	1210	4 QTR			xxxxx	XXXXX	XXXXX	XXXXX
/J#/90/12/13 & J/#//2/12/13		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 OTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115113-Other slimline and instant start	1215	4 QTR			xxxxx	XXXXX	xxxxx	xxxxx
	ļ	3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 OTR				YYXXX	YYYYY	YYXYY
3353115115-Rapid start, one lamp 40W/48T12/RS	1217	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3_0TR			XXXXX	XXXXX	XXXXX	XXXXX
		2 NTR	·		XXXXX	XXXXX	XXXXX	XXXXX
3353115117-Rapid start, two lamp 40W/48T12/RS	1220	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR	,		XXXXX	xxxxx	XXXXX	XXXXX
		2 OTR		·	XXXXX	XXXXX	XXXXX	XXXXX
3353115119-Rapid start, two lamp 32W/48T8/RS	1221	4 QTR		***************************************	XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
** .		2 OTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115121-All other rapid start, 800-1000 mA	1222	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	- XXXXX	XXXXX	XXXXX
		2 NTR			XXYXX	YYYYY	XXXXX	XYYXX
3353115123-All other rapid start, 1500 mA	1224	4 QTR		_	XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 OTR			XXXXX	ХХХХХ	XXXXX	XXXXX

3

CURRENT INDUSTRIAL REPORTS - Continued

PART I - Continued Vallue of Qty of Value of Qty of Value of Ship-Ship-Ship-Quantity Ship-Ship-Item ltem Report ments of ments ments ments ments period for (Product code - Description) code Ship-F.O.B. to to for 0EM 0EM ments Plant Distri-Distribution button **(\$1000) {\$1000**} units <u>{ \$|1000 }</u> (units) (units) 3353115125-All other rapid XXXXX XXXXX XXXXX XXXXX 4 QTR 1226 start XXXXX **YYYY** X Y Y Y Y XXXXX 3 OTR OTR XXXXX XXXXX XXXXX XXXXX 3353115127-Preheat start. XXXXX 1235 4 QTR XXXXX XXXXX XXXXX single ended compact lamps XXXXX XXXXX. XXXXX XXXXX. 3 OTR 2 DTR YYYYY XXXXX XXXXX XXXXX 3353115129-Preheat start. XXXXX XXXXX XXXXX XXXXX linear and circline lamps 1240 4 OTR XXXXX XXXXX XXXXX XXXXX 3 OTR NTR **YXXXX** XXXXX XXXXX XXXXX 3353115131-All other XXXXX 4 QTR XXXXX XXXXX XXXXX 1245 magnetic corrected power factor type 3 QTR XXXXX XXXXX XXXXX XXXXX .. ii, OTR XXXXX XXXXX XXXXX XXXXX -TOTAL MAGNETIC 1299 4 QTR CORRECTED power factor type 3 QTR OTR ELECTRONIC UNCORRECTED POWER FACTOR TYPE {Less than 90% power factor} 3353115133-Single ended 4 OTR XXXXX XXXXX XXXXX XXXXX compact lamps h310 XXXXX XXXXX XXXXX XXXXX 3 QTR XXXXX 2 OTR YXXXX XXXXX XXXXX 3353115135-All other XXXXX XXXXX XXXXX 1315 4 QTR XXXXX electronic uncorrected power factor types XXXXX XXXXX XXXXX XXXXX 3 QTR • 4 . 2 OTR **** XXXXX YYYY YYYYY X X X -TOTAL ELECTRONIC UNCORRECTED power factor 1318 4 QTR types 3 OTR OTR ELECTRONIC CORRECTED POWER FACTOR TYPE {90% power factor or above}

U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS Identification Number (ID) (Enter if not shown, correct if wrong)

XXXXX

XXXXX

XXXXX

YYXXX

Page

CURRENT INDUSTRIAL REPORTS - Continued 4 PART I - Continued Qty of Value of Oty of Vallue of Value of Sh1p-Quantity Ship-Ship-Ship-Shipltem item Report nf ments ments ments ments ments (Product code - Description) code period Ship-F.O.B. to to for for 0EM 0EM ments Plant. Distri-Distribution bution £\$10003 <u>{units}</u> £\$10003 {units} units} (\$\1000) 3353115137-Instant start, 1320 4 QTR 1 & 2 lamp 32W/48T8 XXXXX XXXXX XXXXX XXXXX 3 NTR YXXXX XXXXX. XXXXX XXXXX... 2 NTR XXXXX XXXXX **XXXXX** XXXXX 3353115139-Instant start. 1325 4 QTR 3 & 4 lamp 32W/48T8 XXXXX XXXXX XXXXX XXXXX XXXXX 3 OTR XXXXX XXXXX XXXXX 2 OTR XXXXX XXXXX XXXXX XXXXX 3353115141-Instant start. 1330 2 lamp 59W/96T8 4 OTR XXXXX XXXXX XXXXX XXXXX 3 OTR XXXXX XXXXX XXXXX XXXXX OTR XXXXX XXXXX XXXXX XXXXX 3353115143-Instant start. 2 lamp 75W/96T12/IS 1335 4 QTR XXXXX XXXXX XXXXX XXXXX 3 QTR XXXXX XXXXX XXXXX XXXXX 2 OTR XXXXX XXXXX XXXXX XXXXX 3353115144-Instant start. 1337 4 QTR Linear T5 XXXXX XXXXX XXXXX XXXXX 3 QTR XXXXX XXXXX XXXXX XXXXX 2 OTR YYYXY XXXXX XXXXX YXXXX 3353115145-All other instant start 1340 4 QTR XXXXX XXXXX XXXXX XXXXX 3...<u>O</u>TR XXXXX XXXXX XXXXX XXXXX 2 OTR XXXXX XXXXX XXXXX XXXXX 3353115147-Rapid start. all 32W/48T8 1345 4 OTR XXXXX XXXXX XXXXX XXXXX 3 QTR XXXXX XXXXX XXXXX XXXXX 2 OT P XXXXX XXXXX XXXXX XXXXX 3353115149-Rapid start. all other T8. 4 foot and 1350 4 QTR XXXXX XXXXX XXXXX XXXXX less 3 QTR XXXXX XXXXX XXXXX XXXXX 4000 XXXXX 2 NTD XXXXX XXXXX XXXXX 3353115151-Rapid start, 2 lamp 40W/48T12/RS 1355 4 QTR XXXXX XXXXX XXXXX XXXXX 3 OTR XXXXX XXXXX XXXXX XXXXX <u>OIR</u> XXXXX YXXXX YYYYY YYYYY 3353115153-Rapid start. 800 mA 1360 4 QTR XXXXX XXXXX XXXXX XXXXX 3 QTR XXXXX XXXXX XXXXX XXXXX

2 ATR

U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS Identification Number (ID) (Enter if not shown, correct if wrong)

Page

CURRENT INDUSTRIAL REPORTS - Continued

5 PART I - Continued Value of Value of Value of Qty of Qty of Quantity Ship-Ship-Ship-Ship-Ship-Item ltem Report ments ments ments ments ments of period (Product code - Description) code Ship-F.O.B. to to for for 0EM 0EM Distriments Plant Distribution bution (\$1000) \$10003 \$10003 (units) (units) units 3353115154-Rapid start, Compact flourescent up 1362 4 QTR XXXXX XXXXX XXXXX XXXXX to and including 26W OTR XXXXX XXXXX XXXXX XXXXX. XXXXX XXXXX XXXXX XXXXX NTR 3353115156-Rapid start. 1364 4 QTR XXXXX XXXXX Compact flourescent XXXXX XXXXX 27W and over 3 OTR *** XXXXX XXXXX XXXXX OTR XXXXX XXXXX XXXXX XXXXX 3353115158-Rapid start, Linear T5, normal output 1366 4 QTR XXXXX XXXXX XXXXX XXXXX XXXXX XXXXX XXXXX XXXXX 3 OTR 2 OTR XXXXX YXXXX XXXXX XXXXX 3353115160-Rapid start, Linear T5, high output 1368 4 OTR XXXXX XXXXX XXXXX XXXXX 3 QIR XXXXX XXXXX XXXXX XXXXX ATO S XXXXX XXXXX XXXXX XXXXX 3353115162-Rapid start, Dimming, linear 1371 4 QTR XXXXX XXXXX XXXXX XXXXX 3 OTR XXXXX XXXXX XXXXX XXXXX XXXXX. YYYYX YYYYY' OTR YXXXX 3353115164-Rapid start. Dimming, compact 1373 4 OTR XXXXX XXXXX XXXXX XXXXX flourescent XXXXX XXXXX 3 OTR XXXXX XXXXX OTR XXXXX XXXXX XXXXX. XXXXX 3353115166-Rapid start. all other rapid start 1375 4 QTR XXXXX XXXXX XXXXX XXXXX 3 QTR XXXXX XXXXX XXXXX XXXXX 2 OTR XXXXX YXXXX XXXXX XXXXX 3353115168-All other 1380 4 OTR XXXXX XXXXX electronic corrected XXXXX XXXXX power factor type 3 QTR XXXXX XXXXX: XXXXX XXXXX 3 75 7 7 2 OTR XXXXX XXXXX XXXXX XXXXX X X X -TOTAL ELECTRONIC CORRECTED power factor 1399 4 QTR type 3 OTR OTR

								Page
PART I - Continued								6
					onanonania nonana	The state of the s		THE PROPERTY OF THE PROPERTY O
Item (Product code - Description)	ltem code	Report period			Assessment and the second seco	CARLES AND		The section of the se
			1	2	3	4	5	6
							<u>}</u>	
						Landau option para para para		
	T							
								: 1
							·	
						And delication of the second o		
					<u> </u>	MALA PAR		
	ļ :		**************************************	And the state of t		de de contractor		
							22	White.
•								**************************************
If all your items are not listed,	piease use a	dditiona	l lines or a bla	nk sheet of p	aper.		<u> </u>	
PART II Has there been any Yes - Indicate			_	tion of this e	establishment d	luring this peri	od?	
	Name of c				nber and street, i	city, State, ZIP Co	ode) Date	e of change
_								
A. Purchased from								
B. Sold to								
C. Plant discontinued all operat	ions	Date	e					
D. Plant operations no longer co		survey -	- Describe in *Re	emarks" the p	roducts currently	produced.		
E. Reorganized - Describe in "R	lemarks;" e.g.,	partners	ship change or o	hange in corp	orate status.			
PART III Do the figures show	wn on this re	port and	· —		the identical e			
PART IV Remarks	·		<u></u>	MICEC TOBSOT	is for difference i	n riemans.		
PART V CERTIFICATION - T	his report is s		ally accurate and	d has been pro	epared in accorda	ance with instruc		·-····································
Signature of authorized official		Title					Date	
Complete and return this form envelope provided or to:	n in the	1201 E	u of the Census East Tenth Stree sonville, IN 4713	et	NOTE: Please	make a photocor	ογ of this for yo	our records.

MQ335C — FLUORESCENT LAMP BALLASTS (SHIPMENTS AND PRODUCTION)

DEFINITIONS AND SPECIAL INSTRUCTIONS

1. Scope of survey

This survey covers all companies engaged in the manufacture of fluorescent lamp ballasts in the United States.

2. Figures to be reported

Companies with more than one establishment manufacturing the products covered by this survey are requested to complete a separate report form for each location. If you have not received a separate form for each of your establishments, please call the contact shown on the report form or write to the U.S. Census Bureau for additional forms.

a. Quantity and value of shipments

The figures on quantity and value of shipments should include the physical shipments of all products sold, transferred to other establishments within your company, or shipped on consignment, whether for domestic or export sale. The value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowances, freight charges, and returns. Shipments to your own branches should be assigned the same value as comparable sales to unaffiliated customers, i.e., the value includes an appropriate allocation of company overhead and profit. Products bought and resold without further manufacture should not be included in shipments.

Your figures on the quantity and value of fluorescent lamp ballasts shipments should

include —

Only ballasts manufactured in this plant during the quarter

but exclude —

Ballasts shipped without charge to replace defective or returned ballasts

Ballasts purchased by you for resale

Shipments of ballasts which have been incorporated into other products at this plant

b. Distribution of shipments by end use:

The TOTAL quantity and value figures for magnetic uncorrected ballasts (item code 1099), magnetic corrected ballasts (item code 1299), electronic uncorrected ballasts (item code 1318), and electronic corrected ballasts (item code 1399) should be subdivided by end use: quantity and value of shipments to original equipment manufacturers (OEM) and/or to distribution.

OEM includes shipments to customer's plants for incorporation or assembly into lighting fixtures or apparatus. Include shipments to depots and warehouses of the same or other companies where such shipments are for subsequent use in original equipment.

Distribution includes shipments to wholesale and retail distributors, dealers, jobbers, energy service companies, lighting maintenance companies, contractors, and "do-it-yourself" end users; and for "after market" replacement.

Columns 3 and 4 — Quantity and value of shipments to OEM

Columns 5 and 6 — Quantity and value of shipments to distribution

For item codes 1099, 1299, 1318, and 1399 only:

The quantity of shipments in column 1 should equal the sum of columns 3 and 5 for each total.

The value of shipments in column 2 should equal the sum of columns 4 and 6 for each total.

DEFINITIONS AND SPECIAL INSTRUCTIONS — Continued

3. Definitions

Include all types of fluorescent ballasts, including resistance, inductance, and combinations of resistance, inductance, and capacitance.

Magnetic Type:

Uncorrected power factor — Less than 85 percent power factor

Corrected power factor — 85 percent power factor or above

Electronic Type:

Uncorrected power factor — less than 90 percent power factor

Corrected power factor — 90 percent power factor or above

Rapid start — Includes ballasts of all voltage and frequency ratings for operation of all lamps designed for cathode preheating without use of starters and also includes programmed start ballasts.

Preheat start — Includes ballasts of all voltage and frequency rating for operation of all lamps of the switch start type except ballasts with preheat windings.

Slimline and instant start — Includes ballasts of all voltage and frequency ratings for operation of all hot cathode lamps which do not utilize preheating of cathodes.

All other — Includes ballasts of all voltage and frequency ratings not classified above. Specifically includes ballasts with preheat windings for fast starting of standard switch start lamps (trigger start, quick start, etc.), ballasts for dc operation, and cold cathode ballasts.

Electronic Fluorescent Ballast

Includes ballasts serving preheat or rapid start lamps, including those ballasts operating lamps less than 20 watts up to 40 watts, driving one, two, three or four lamps, and ballasts for 800mA lamps and above, and miscellaneous applications for powering fluorescent lamps not reported elsewhere.

Also includes ballasts for single-pin slimline, instant start lamps, including ballasts driving two 96-inch lamps, and all other slimline lamp ballasts.

Abbreviations and Metric Conversions

mA Milliampere

1KHZ 1000 cycles per second

Khz Kilohertz

4. Comparability

Data reported in this survey should correspond to the data reported in the Economic Census - Manufacturing Sector form. The sum of values for item codes shown in column (a) should correspond to the dollar values reported under product codes indicated in column (b) below:

Current Industrial Reports (Form MQ335C)	Economic Census - Manufacturing Sector				
Item codes (a)	Product codes (b)				
1015 through 1035 1210 through 1245 1310 through 1315 1320 through 1380	3353115 100				

REFERENCE LIST

FORM MQ335C

FLUORESCENT LAMP BALLASTS (SHIPMENTS AND PRODUCTION)

	1 200	RESCENT LAWF BALLASTS (SHIFWENTS AND PRODUCTION)
Product	Item	
code	code	Item description
3353115103 3353115105 3353115107 3353115109 XXX	1015 1020 1025 1035 1099	MAGNETIC TYPE UNCORRECTED POWER-FACTOR TYPE (Less than 85 percent power factor) Preheat start: Single-ended compact lamps Linear and circline lamps up to and including 20 watts Linear and circline lamps 21 watts and over All other magnetic uncorrected power-factor type, including rapid start TOTAL MAGNETIC UNCORRECTED POWER-FACTOR TYPE
3353115111 3353115113 3353115115 3353115117	1210 1215 1217 1220	CORRECTED POWER-FACTOR TYPE (85 percent power factor or above) Slimline and instant start: Two-lamp, 75W/96T12/IS and 57W/72T12/IS Other slimline and instant start Rapid start: One-lamp, 40W/48T12/RS Two-lamp, 40W/48T12/RS
3353115119	1221	Two-lamp, 32W/48T8/RS All other rapid start:
3353115121 3353115123 3353115125	1222 1224 1226	800 to 1000 mA 1500 mA Other rapid start Preheat start:
3353115127 3353115129 3353115131 XXX	1235 1240 1245 1299	Single-ended compact lamps Linear and circline lamps All other magnetic corrected power-factor type TOTAL MAGNETIC CORRECTED POWER-FACTOR TYPE
3353115133 3353115135 XXX	1310 1315 1318	ELECTRONIC TYPE UNCORRECTED POWER-FACTOR TYPE (Less than 90 percent power factor) Single-ended compact lamps All other electronic uncorrected power-factor type TOTAL ELECTRONIC UNCORRECTED POWER-FACTOR TYPE
3353115137 3353115139 3353115141 3353115143 3353115144 3353115145	1320 1325 1330 1335 1337 1340	CORRECTED POWER-FACTOR TYPE (90 percent power factor or above) Instant start: One- and two-lamp, 32W/48T8 Three- and four-lamp, 32W/48T8 Two-lamp, 59W/96T8 Two-lamp, 75W/96T12/IS Linear T5 All other instant start
3353115147 3353115149 3353115151 3353115153 3353115156 3353115156 3353115160 3353115162 3353115164 3353115166 3353115168 XXX	1345 1350 1355 1360 1362 1364 1366 1368 1371 1373 1375 1380 1399	Rapid start, program start All 32W/48T8 All other T8, four foot and less Two-lamp, 40W/48T12/RS 800 mA Compact fluorescent up to and including 26W Compact fluorescent 27W and over Linear T5, normal output Linear T5, high output Dimming, linear Dimming, compact flourescent All other rapid start All other electronic corrected power-factor type TOTAL ELECTRONIC CORRECTED POWER-FACTOR TYPE